

6. BICYCLE COUNT DATA

This chapter presents the results of bicycle counts taken by the participating jurisdictions in the County to support the Countywide Bicycle Plan adopted by the ACCMA Board on June 28, 2001. It is the second time that bicycle counts have been coordinated at the County level and that the data has been collected by each jurisdiction at the selected locations. The intention is to collect this data every two years in order to measure the trends in bicycle usage and to provide supporting data for the biennial LOS Monitoring Report the Countywide Bicycle Plan and the Regional Bicycle Plan.

The number of bicyclists was counted at twelve major intersections throughout the County on one day between April 1 and June 17, 2004. Except for one location, Redwood Road and Grove Way, counts were collected at the same location. The time period selected for counting was from 3:00 P.M. to 6:00 P.M. in order to capture a portion of school trips. (In two cases, as noted in Table 16, the count time periods slightly differ in terms of length, but still are in the P.M. peak.) The data was collected in each jurisdiction on a Tuesday, Wednesday, or Thursday.

Table 16 shows the count locations and total number of bicycles counted. The number of bicycle trips counted ranges from 12 bicycle movements at Thornton Avenue and Willow Street in Newark to 392 bicycle trips counted at the intersection of Milvia Street and Hearst Avenue in Berkeley. These two locations were the high and low activity points in the 2002 surveys as well, although bicycle movements at Thornton Avenue and Willow Street increased 60 percent and at Milvia Street and Hearst Avenue decreased 3 percent since 2002. Of the 11 intersections that were the same as in 2002, six (6) showed an increase and five (5) showed a decrease in bicycle usage.

Figure 8 shows the intersections where counts were made and the bicycle turning movements at the intersection during the count periods.

Table 14
Alameda County Bicycle Count Data

	Jurisdiction	Location	Time Period (p.m.)	Bicycle Counts		% Diff.
				2002	2004	
1	Alameda	Atlantic Avenue and Webster Street	3-6	36	56	56%
2	Berkeley	Milvia Street and Hearst Avenue	3-6	405	392	-3%
3	Emeryville	San Pablo Avenue and 40 th Street	3-6	142	168	18%
4	Fremont	Paseo Padre Parkway and Mowry Avenue	3-6	60	52	-13%
5	Hayward	Mission Blvd and Jefferson Street	3-6	11	23	109%
6	Livermore	East Street and Vasco Road	3-6	86	109	27%
7	Newark*	Thornton Avenue and Willow Street	2002 - 3-5 2004 - 3-6	5	12	60%
8	Oakland	Telegraph Avenue and 27 th St	3-6	136	79	-42%
9	Piedmont	Grand Avenue and Oakland Avenue	3-6	30	21	-30%
10	Pleasanton	Hopyard Road and Stoneridge Drive	3-6	32	19	-41%
11	Alameda County	Hesperian and Lewelling Blvd	2002 - 3-6 2004 - 4-6	27	25	-7%
12	Alameda County	Redwood Road and Grove Way	3-6	26	--	--
12	Alameda County	Redwood Road and Castro Valley Blvd.	4-6	--	26	--

* indicates percentage difference calculated for 2 hours.

